

Michael P. Bergervoet

Curriculum Vitae

E-mail: mikebe@ku.edu

Education:

- Ph.D. Candidate, Geography, University of Kansas – Lawrence, KS
Concentrations: Cultural Geography, Archaeology, and GIS
- M.S., Applied Anthropology, Minnesota State University – Mankato, MN (2008)
Concentrations: Archaeology, GIS, and Ethnography
- B.S., Civil Engineering, South Dakota State University – Brookings, SD (2002)
Concentrations: Land Surveying, Municipal & Highway Engineering

Research Interests:

- Ethnography
- Archaeology
- Geographic Information Systems (GIS)
- Geomorphology

Dissertation Research:

Title: *Lodges of Time & Space: An Initial Analysis of Stone Cairns in the Red Wing Locality*. Research and draft composition in progress as June 2014 (anticipated defense date in spring 2015).

Professional Work Experience:

Tribal Historic Preservation Officer – Prairie Island Indian Community, MN. Primary responsibilities include the protection of cultural sites/items and perpetuating Dakota knowledge regarding them. Tasks include public outreach and education, archaeological survey and curation, historical research, project coordination, and database management. (September 2013 - present)

Civil Engineer / GIS Coordinator – City of River Falls, WI. Primary responsibilities included maintaining extensive GIS databases which support personnel from all departments within the City of River Falls, performing data analysis and queries, generating maps, responding to public and departmental data requests, and performing engineering tasks. These engineering tasks include field surveys, traffic counts, conceptual road and commercial development design duties requiring proficiency in both ArcGIS and AutoDesk Land Development software. (February 2008 – April 2010)

Archaeology Field Assistant – Red Wing, MN. Assisted Dr. Ronald C. Schirmer in collecting mound coordinate data using GPS/GIS, served as land surveying instructor, and worked alongside fellow students in preliminary shovel testing, unit excavation, collection of artifacts of various sites within the locality, and completed necessary forms for the Minnesota Office of the State Archaeologist. Also served

as flotation lab assistant during the 2005/2006 school year. (May – June 2006, May – June 2007, May – June 2010)

Archaeology Intern – Science Museum of Minnesota. St. Paul, MN. Responsible for the digitization of archaeological site maps and artifact data of the Red Wing locality and the construction of a GIS database/model which aided in the analysis of material remains of the Mero/Diamond Bluff archaeological site in Wisconsin. (January – May 2007)

Land Surveyor in Training – Sibley Surveyors Inc. Gaylord, MN. Responsible for all CADD duties using Land Development Desktop and performing administrative duties serving client needs. Major duties include preparing preliminary/final plats, topographic drawings and preliminary designs plus other various survey/design work. Other major duties consisted of being a survey crew chief performing various types of surveys using both radial and GPS survey technology. (June 2004 – April 2005)

Civil Design Engineer – I & S Engineers & Architects, Inc. Mankato, MN. Responsible for preliminary design calculations, design and drafting of various utility construction projects using Land Development Desktop and various storm drainage modeling software. Major duties primarily consist of assisting in small survey projects, GPS implementation, design/drafting, project inspection and problem solving. (November 2003 – June 2004)

Staff Engineer – BDM Consulting Engineers, PLC, Lexington, MN. Inspected and observed the construction of various street and utility projects, and performed construction, ALTA, and topographic surveys extensively. Duties included performing design calculations, conducting feasibility studies, composition of project specifications, and drafting using Land Development Desktop software. (June 2002-June 2003)

Presentations:

- 2014 Presentation to Minnesota Historical Society American Indian Museum Fellows. *Tribal Historic Preservation Duties and Rules for the Road*. June 8, 2014. (Program talk)
- 2012 Association of American Geographers (AAG) Annual Conference, New York, NY. *Red Wing Cairns: Analyzing Placement and Purpose*. February 23 – 28, 2012. (Poster)
- 2012 Co-Instructor; Geography/Geology “Introduction to GIS Workshop” (University of Kansas). April 3, 2012.
- 2011 Native American and Indigenous Studies Association (NAISA) Annual Conference, Sacramento, CA. *A Monument Mosaic: Merging Indian Oral Tradition and Scientific Method*. May 21, 2011. (Paper)

Grant Submissions:

- 2014 Minnesota Historical Society. *Geophysical and Archaeological Assessment of PIIC Mound Areas and Long-term GIS Data Management Plan*. (Potential award: \$100,000). (Application pending as of June 2014)
- 2014 Minnesota Historical Society. *Geophysical and Archaeological Assessment of PIIC Buffalo Slough Mound Groups*. (Grant awarded: \$10,000). Project will commence July 2014.

2014 Wenner-Gren Fellowship. *Lodges of Time & Space: An Analysis of Stone Cairns in the Red Wing Locality.*
(Application denied)

2013 Wenner-Gren Fellowship. *Lodges of Time & Space: An Analysis of Stone Cairns in the Red Wing Locality.*
(Application denied)

2012 NSF DDIG Grant Submission. *Lodges of Time and Space: Cairns of the Upper Mississippi River Valley.*
(Application denied.)

Academic Teaching Experience:

GEOG 358/658 Course Instructor – University of Kansas, Lawrence, KS. Primary responsibilities included lecturing, coordinating laboratory activities, composing assignments and exams, and providing grades throughout the semester. Other duties included responding to student questions and providing assistance as necessary. (Spring 2013)

Course Instructor and Graduate Teaching Assistant, GEOG 210 – University of Kansas, Lawrence, KS. This class introduces students to geospatial data and technology, data manipulation, and analysis. Laboratory exercises are assigned in conjunction with class lecture. (Fall 2012)

GEOG 558 tutor – University of Kansas, Lawrence, KS. GIS (raster) data and statistical methods were further examined and explained during one-on-one sessions in order to meet the specific needs of the student. Lecture materials and laboratory assignments were studied in detail. Topics covered included raster calculation, geo-statistics, and data manipulation. (Spring 2012)

Graduate Teaching Assistant, GEOG 105 – University of Kansas, Lawrence, KS. This assignment required teaching assistants to explicate physical geographic concepts through lecture and graded laboratory assignments. Office hours were facilitated to provide assistance per request. (Spring 2012)

Graduate Teaching Assistant, GEOG 418 – University of Kansas Cartographic & GIS Services, Lawrence, KS. Primary duties are instructing GEOG 418 students to use GIS and/or Adobe Illustrator to generate finished project maps. Other duties include producing maps for publishing per professor request or need. (2011-2012 School Year)

Graduate Research Assistant – University of Kansas, Lawrence, KS. Primary research objectives were to conduct analysis of place name information gathered from Penobscot peoples of Maine. Initial research compiled base-map information and evaluated the success/failures of other place name analyses. This information was entered into a number of databases. Dr. Pearce's goals included developing cartographic techniques which incorporated physical and cultural information to represent central Maine from a Wabanaki perspective. (Spring 2011)

GEOG 358/658 Course Instructor – University of Kansas, Lawrence, KS. Primary responsibilities included lecturing, coordinating laboratory activities, composing assignments and exams, and providing grades throughout the semester. Laboratory guides were also updated to correlate with ArcGIS 10 software. Other duties included responding to student questions and providing assistance as necessary. (Fall 2010)

Citations & Awards:

- KU Institute for Policy & Social Research (IPSR) Graduate Research Fellow: Spring 2013
- Research Fellow & Archaeological Expedition Volunteer – “Valley of the Kings Archaeological and Geographical Expedition”, Republic of Tuva, Russia. June 2012.
- Prairie Island Indian Community Graduate Research Grant (\$1500): 2007-2008 Academic Year
- National Scholars Honor Society member: September 2007 – present
- Andreas Fellowship Award recipient, MNSU (\$2400): 2006-2007 Academic Year
- Lambda Alpha member: Anthropology Honors Society. March 2006 – present
- Phi Alpha Theta member: History Honors Society. Spring 2005 – present
- College of Social and Behavioral Science’s Dean’s List, MNSU: Fall 2004 – Spring 2008
- College of Engineering Dean’s List, SDSU: Spring 1999, Fall 1999, Fall 2000 and Fall 2001
- Chi Epsilon membership: Honorary Civil Engineering Society. Fall 2000 – present
- Fundamentals of Land Surveying certification, Land Surveyor-in-Training (Lic. S-240), South Dakota Board of Technical Professions: June 2001
- Fundamentals of Engineering certification, Engineering Intern (Lic. E-8841), South Dakota Board of Technical Professions: December 2001

Professional Memberships:

- Board of Directors (member) – Goodhue County Historical Society: January 2014 – present
- Science Museum of Minnesota’s American Indian Advisory Council (member): October 2013 to present
- Native American and Indigenous Studies Association: April 2011 – present
- Minnesota GIS/LIS Consortium member: March 2008 – present
- Minnesota Society of Professional Engineers: Dec. 2003 – present
- Minnesota Society of Professional Surveyors: Dec. 2002 – present.
- American Society of Civil Engineers: Fall 1999 – present

Defended Work:

Bergervoet, Michael (2008). *A Monument Mosaic: Merging Indian Oral Tradition and Scientific Method*. Unpublished Master’s Thesis, Minnesota State University, Mankato. 99 pp.